

What is claimed is:

1. A method of storing data of a ring tone melody downloaded from a ring tone melody distribution server in a mobile phone through a network and reproducing the stored data, comprising the steps of:

5 storing the data of the ring tone melody downloaded from the ring tone melody distribution server in a ring tone melody storing server by the mobile phone; and  
connecting the mobile phone to the ring tone melody  
10 storing server through a mobile phone line, receiving the data of the ring tone melody which has been downloaded from the ring tone melody distribution server, temporarily storing the received data in the mobile phone, and causing the mobile phone to reproduce the stored data, in case that  
15 when there is necessity for the mobile phone to reproduce the ring tone melody, the necessity includes occurrence of an incoming call.

2. The method as set forth in claim 1, further comprising the steps of:

20 storing data of a part of a ring tone melody downloaded from the ring tone melody distribution server in the mobile phone; and

reproducing data of the part of the ring tone melody until the data of the ring tone melody is completely  
25 received from the ring tone melody storing server through a mobile phone line, in case that when there is necessity for the mobile phone to reproduce the ring tone melody, the

necessity includes occurrence of an incoming call.

3. A system for storing data of a ring tone melody downloaded from a ring tone melody distribution server in a mobile phone through a network and reproducing the stored  
5 data, comprising:

a ring tone melody storing server for storing the data of the ring tone melody downloaded from the ring tone melody distribution server; and

a mobile phone for connecting itself to the ring tone  
10 melody storing server through a mobile phone line,  
receiving the data of the ring tone melody downloaded from the ring tone melody distribution server from the ring tone melody storing server, storing the data of the ring tone melody in an internal temporary storing means, and  
15 reproducing the ring tone melody, in case that when there is necessity for the mobile phone to reproduce the ring tone melody, the necessity includes occurrence of an incoming call.

4. The system as set forth in claim 3,  
20 wherein the temporary storing means has a storage capacity of data for one ring tone melody.

5. The system as set forth in claim 3,  
wherein the mobile phone further comprises:  
means for storing data of a part of the ring tone  
25 melody.

6. The system as set forth in claim 4,  
wherein the mobile phone further comprises:

means for storing data of a part of the ring tone melody.

7. A ring tone melody storing server for storing data of a ring tone melody downloaded from a ring tone melody distribution server through a network and transmitting the data to the mobile phone upon reception of a transmission request for the data of the ring tone melody from the mobile phone through a mobile phone line.

8. A mobile phone for connecting itself to a ring tone melody storing server through a mobile phone line, a ring tone melody having been stored in the ring tone melody storing server, receiving from the ring tone melody storing server the data of the ring tone melody downloaded from a ring tone melody distribution server for distributing a ring tone melody through a network, temporarily storing the data of the ring tone melody in internal temporarily storing means, and reproducing the ring tone melody, in case that when there is necessity for the mobile phone to reproduce the ring tone melody, the necessity includes occurrence of an incoming call.

9. The mobile phone as set forth in claim 8, wherein the temporary storing means has a storage capacity of data for one ring tone melody.

10. The mobile phone as the forth in claim 8, further comprising:

means for storing data of a part of a ring tone melody.

11. The mobile phone as the forth in claim 9, further comprising:

means for storing data of a part of a ring tone melody.